



**NEW JERSEY TURNPIKE AUTHORITY
REQUEST FOR INFORMATION ("RFI")
FOR**

BLUETOOTH TRAFFIC MANAGEMENT TEST

DECEMBER 2011

Section I

Introduction:

The New Jersey Turnpike Authority (“NJTA”), along with its transportation partners, the New Jersey Department of Transportation (“NJDOT”) and South Jersey Transportation Authority (“SJTA”) (collectively the “Agencies”), would like to invite firms that provide traffic management metrics using Bluetooth technology to test their systems on the Agencies’ roadways. NJTA operates and maintains two toll roads, namely the New Jersey Turnpike and Garden State Parkway. The NJDOT maintain several State roads in New Jersey, and the SJTA operates and maintains the Atlantic City Expressway, which is also a toll road. The results of these tests will be used by the Agencies to determine the effectiveness of Bluetooth technology to provide traffic management metrics.

Firms that meet the submission requirements in Section II herein will be permitted to test their Bluetooth systems.

Section II.

Submission Requirements:

1. **Only type-written inquiries** concerning the RFI will be accepted and may be directed to Andrea E. Ward, Director, Purchasing Department,, New Jersey Turnpike Authority, P.O. Box 5042, Woodbridge, NJ 07095-5042. Inquiries by Fax are acceptable. The fax number is 732-750-5399. The inquiry deadline is **4:30 P.M. EST, Friday, December 9th, 2011**. Inquiries will not be entertained after this date and time.
2. Interested firms that can meet the requirements herein shall respond by submitting a letter of interest (maximum of two (2) pages) along with a completed Traffic Permit Application (Appendix B) including a valid insurance certificate meeting the requirements of the Traffic Permit. **ONLY type-written responses** (“Responses”) will be accepted and should be addressed to: Andrea E. Ward, Director, Purchasing Department, New Jersey Turnpike Authority, P.O. Box 5042, Woodbridge, New Jersey, 07095-5042. Completed Responses must be no more than five (5) pages including letter of interest, Traffic Permit Application and promotional materials. One (1) original and (3) three copies of the Response must be received no later than **12:00 noon. EST, Wednesday, December 14, 2011**. All firms will be notified no later than **Friday, December 16, 2011**. Responses submitted after the specified deadline may not be considered.
3. The Responses may include, but is not limited to, a firm’s qualifications, prior experiences similar to this RFI and firm’s standard literature. Responses shall also include the firm’s approach for meeting the requirements of the RFI especially relating to the following: The firms will be required to provide metrics for the roadways in each direction. Firms not interested in providing metrics showing a distinction between the same direction parallel roadways will be permitted to only provide metrics on the outer roadway in each direction but shall state this in their letter of interest. The firms would also be required to provide the Agencies access to their graphical interface which shall provide at a minimum travel times, speeds, incident detection for each individual link and all combinations of links as defined by the user. The graphical interface shall be accessible without installing additional software on any of the Agencies PC’s or Servers (access should be through the Internet) with a minimum of 6 accounts and shall remain active for a minimum of 6 weeks.
4. The provision of contract terms and conditions is not requested nor will it be considered by the Agencies.
5. The Agencies shall not be liable for any costs incurred by any firm in the preparation of their Response requested by the RFI.

6. The Agencies reserves all rights at law and equity including the right to reject and/or accept any and/or all comments submitted in the Responses to this RFI. No Firm shall have any rights against the Authority arising out of the contents of this RFI, the receipt of information or the incorporation or rejection of comments in the resulting Request for Proposal (“RFP”).
7. Response to this RFI shall not be considered in the evaluation of any proposal or bid submitted in response to a solicitation of services/goods contemplated in the RFI. At such time as the Agencies issues a RFP for these services, each RFP will be evaluated on its own merits and no weight will be given or withheld due to submission or failure to submit information for this RFI.
8. Firms should clearly state which, if any of the information they provide is deemed proprietary in nature. The Agencies reserves the right to use any information not so marked, as it deems necessary. The Agencies further reserves the right to use any information in the Response to this RFI in developing future procurement documents.
9. If you have any questions, please contact Ms. Sherri Jennings, Purchasing Administrative Assistant at (732) 750-5300 Ext. 8628.

Section III

Firm(s) which meet the minimum requirements stated in Section II will be required to install their readers, along a 12 mile stretch of the roadways listed in Appendix A, using the following reader spacing;

1. 2 consecutive links with 1 mile, 2 mile and 3 mile spacing for a total of 12 miles for each roadway location. The roadway configuration in this area consists of same direction parallel limited access roadways with entrances and exits to interchanges and service areas.
2. The firms will be required to provide metrics for the roadway(s) in each direction. Firms not interested in providing metrics showing a distinction between the same direction parallel roadways will be permitted to only provide metrics on the outer roadway in each direction but shall state this in their letter of interest. The firms would also be required to provide the Agencies access to their graphical interface which shall provide at a minimum travel times, speeds, incident detection for each individual link and all combinations of links as defined by the user.
3. The graphical interface shall be accessible without installing additional software on any of the Agencies PC's or Servers (access should be through the Internet) with a minimum of 6 accounts and shall remain active for a minimum of 6 weeks.
4. Please note that this data belongs to the Agencies and the firms cannot use or reference this data without the written permission of the Agencies.
5. Only a secured ground installation of the readers will be permitted and under no circumstances will attachment to poles, signs and overhead structures be permitted. In addition, readers from different companies may be in close proximity to each other with a spacing of 100 to 150 feet.
6. The firms will be responsible for all costs of the test including but not limited to power, insurance, communication and traffic control and shall remove their readers within one week of the test period. (Firms are encouraged to refer to the Authority's Manual for Traffic Control paying strict attention to the requirements for short term shoulder closings)
7. The proposed schedule is as follows. The installations and interface will be active for seven consecutive days beginning the week of the December 19th at the latest.

Appendix A

The testing area will take place northbound and southbound on the New Jersey Turnpike approximately from Milepost 91 to Milepost 103. In this area the roadway is of a dual – dual parallel configuration consisting of a 4 lane outer roadway with full shoulders and a 3 lane inner roadway with full shoulders. Commercial vehicles are mostly on the outer roadway and cars are mostly on the inner roadway. The same direction roadways are separated with a metal guardrail. This section of roadway contains 3 Interchanges and 1 northbound Service Area and 1 southbound Service Area.

In addition to the metrics contained above the Agencies are very interested in how well the Bluetooth technology is able to accurately distinguish same direction traffic on parallel roadways with the challenges of close proximity Interchanges and Service Areas. Firms unable to provide the distinguishing of same direction traffic may opt out of this metric in their letter of interest.

Appendix B

NEW JERSEY TURNPIKE AUTHORITY TRAFFIC PERMIT APPLICATION <small>To be filed with the Office of the Traffic Engineer 10 days prior to start of work</small> <small>ALL INFORMATION SHOULD BE SUPPLIED AND UPDATED AS NEW INFORMATION BECOMES AVAILABLE</small>				
TO BE FILED BY CONTRACTOR / CONSULTANT TO BE FILED BY RESIDENT ENGINEER	<div style="border: 1px solid black; padding: 2px;">CONTRACT NO.</div>		SUBMITTAL DATE	
			ORIGINAL	
			REVISED	
	CONTRACT TITLE			
CONTRACTOR NAME & ADDRESS			PHONE #	
			FAX #	
CONTRACTOR FIELD OFFICE LOCATION AND MAILING ADDRESS			PHONE#	
			FAX #	
EMERGENCY CONTACTS				
NAME / TITLE		HOME PHONE #	PAGER #	CELLULAR #
NAME / TITLE		HOME PHONE #	PAGER #	CELLULAR #
NAME / TITLE		HOME PHONE #	PAGER #	CELLULAR #
START DATE		COMPLETION DATE		
PROJECT ENGINEER ADDRESS		PHONE #	PROJECT FUND #	PROJECT CODE #
RESIDENT ENGINEER		HOME PHONE #	PAGER #	CELLULAR #
INSPECTOR		HOME PHONE #	PAGER #	CELLULAR #
INSPECTOR		HOME PHONE #	PAGER #	CELLULAR #
TURNPIKE LIAISON		HOME PHONE #	PAGER #	CELLULAR #
LOCATION				
NATURE OF WORK				
PROGRESS SCHEDULE (ATTACH APPROVED PROGRESS SCHEDULE, IF AVAILABLE)				

INSURANCE –TRAFFIC PERMIT

Provide the minimum amount of insurance as follows:

1. Comprehensive General Liability including Contractual Liability.
2. Automotive Liability

Liability policies shall be ENDORSED TO SHOW NEW JERSEY TURNPIKE AUTHORITY AS AN ADDITIONAL INSURED.

Both policies to be written in the amount of TWO MILLION DOLLARS (\$2,000,000). Single limit of liability each occurrence for bodily injury and property damage.

3. Workers Compensation

Workers Compensation to comply with the New Jersey statutes and any required Maritime Law.

4. XCU endorsement required if any manual labor is involved.

Each Traffic Permit Application is reviewed on a case-by-case basis by the New Jersey Turnpike Authority and, depending on the specific nature of the work, the insurance is adjusted as necessary.

INDEMNIFICATION
NEW JERSEY TURNPIKE AUTHORITY
P.O.BOX 5042 WOODBRIDGE, N.J. 07095-5042 (732) 750-5300

KNOW ALL MEN BY THESE PRESENTS, that WE, the undersigned, in consideration of granting of permission by the New Jersey Turnpike Authority to enter upon the New Jersey Turnpike roadway, median strip, shoulders and other areas for the purpose of making a survey or performing other work, do hereby agree to waive any and all claims, causes of action and demands, of whatever nature that may arise in our favor, against the New Jersey Turnpike Authority during the progress of such surveyor other work.

WE do hereby further agree that we will present no claim, action, or demand whatsoever against the New Jersey Turnpike Authority arising directly or indirectly out or on account of such survey or other work, except for such claims as may arise from the sole negligence of the New Jersey Turnpike Authority, its officers, agents, or employees.

WE hereby agree to defend, indemnify and save harmless, the New Jersey Turnpike Authority, its officers, agents, servants and employees, and each and every one of them, from and against all suits, costs, claims, expenses and judgments of every kind and description including claims, suits, costs, expenses, judgments of agents, servants, employees, and contractors of the Licensee and from and against all damages and expenses to which the Authority or any of its officers, agents, servants, and employees may be subjected by reason of our entering upon the New Jersey Turnpike roadways for the purpose of surveying or any other work.

WE further agree to show such evidence of insurance as shall be necessary in the opinion of the Law Department of the New Jersey Turnpike Authority including amount, type of coverage, and carrier.

FIRM

SIGNATURE

TITLE

DATE